ColdBox Framework

DEFAULT CACHE SETTINGS

▸ Default Timeout = 45
▸ Last Access Timeout = 20
▸ Reap Frequency = 3 min
▸ Max Objects = 100
▸ JVM Threshold = 10% Free
▸ Eviction Policy = LFU
▸ useLastAccess = True

FRAMEWORK DEFAULTS

▸ LogFileEncoding = ISO-8859-1
▸ LogFileMaxSize = 5000kb
▸ LogsMaxArchives = 5
▸ DefaultFileCharSet = ISO-8859-1
▸ DefaultLogDirectory = logs
▸ Default Event Name = event
▸ MessageboxStorage = session

CORE PLUGINS

▸ applicationstorage
▸ beanFactory
▸ cfcViewer
▸ clientstorage
▸ cookiestorage
▸ i18n
▸ ioc
▸ JavaLoader
▸ logger
▸ messagebox
▸ MTlogger
▸ queryHelper
▸ renderer
▸ resourceBundle
▸ sessionstorage
▸ StringBuffer
▸ timer
▸ Utilities
▸ webservices
▸ XMLParser
▸ zip

PLUGINS-INTERCEPTORS-HANDLER METHODS

▸ **getHash**()
▸ **getDatasource**(alias)
▸ **getfwLocale**()
▸ **getMailSettings**()
▸ **getResource**(resource)
▸ **getSettingsBean**()
▸ **announceInterception**(state,interceptData)
▸ **renderView**([*view*])
▸ **renderExternalView**(view)
▸ **purgeView**(view)
▸ **getMyPlugin**(plugin,[*newinstance*])
▸ **getPlugin**(plugin,[*customPlugin*],[*newInstance*])
▸ **getColdBoxOCM**()
▸ **getSettingStructure**([*fwSetting*],[*DeepCopyFlag*])
▸ **getSetting**(name, [*fwSetting*])
▸ **settingExists**(name, [*fwSetting*])
▸ **setSetting**(name,value)
▸ **setNextEvent**(event,[*queryString*],[*addToken*],[*persist*])
▸ **setNextRoute**(route,[*persist*])
▸ **runEvent**(event)
▸ **getDebugMode**()
▸ **setDebugMode**(mode)
▸ **getController**()
▸ **peristVariables**(persist)
▸ **includeUDF**(udfLibrary)
▸ **Relocate**(url,[*addToken*])
▸ **Throw**(message,[*detail*],[*type*])
▸ **Dump**(var), **Abort**()
▸ **Include**(template)

INTERCEPTOR METHODS

▸ **Configure**()
▸ **getProperties**(properties)
▸ **setProperties**()
▸ **getProperty**(name)
▸ **setProperty**(name, value)
▸ **propertyExists**(name)

INTERCEPTION POINTS

▸ **afterConfigurationLoad, afterAspectsLoad**
▸ **sessionStart, SessionEnd**
▸ **preProcess, postProcess**
▸ **preEvent, postEvent**
▸ **preRender, postRender**
▸ **afterCacheElementInsert**
▸ **afterCacheElementRemoved**

CONTROLLER COMMON METHODS

▸ **getAppRootPath()**
▸ **getColdboxOCM**()
▸ **getRequestService**()
▸ **getConfigSettings**()
▸ **getColdboxSettings**()
▸ **getAppHash**()
▸ **getAppStartHandlerFired**()
▸ **getSettingStructure**([*fwSetting*],[*DeepCopyFlag*])
▸ **getSetting**(name, [*fwSetting*])
▸ **settingExists**(name, [*fwSetting*])
▸ **setSetting**(name,value)
▸ **setNextEvent**(event,[*queryString*],[*addToken*],[*persist*])
▸ **setNextRoute**(route,[*persist*])
▸ **runEvent**(event)
▸ **persistVariables**(persist)
▸ **Throw**(), **getUtil**()

COLDBOX CACHE COMMON METHODS

✦**All timeouts are in minutes**

▸ **Lookup**(objectKey)
▸ **Get**(objectKey)
▸ **Set**(objectKey,MyObject,[*Timeout*],[*LastAccessTimeout*])
▸ **clearKey**(objectKey)
▸ **clearEvent**(eventSnippet,[*queryString*],[*async*])
▸ **clearAllEvents**([*async*])
▸ **clearAllView**([*async*])
▸ **getSize**()
▸ **Getpool_metadata**()
▸ **getItemTypes**()
▸ **Reap**()
▸ **LFUEviction**()
▸ **LRUEviction**()
▸ **expireAll**()
▸ **expireKey**(objectKey)
▸ **getCacheStats**()

CUSTOM PLUGIN METHODS

▸ **Init()**
▸ **getPluginPath**

CUSTOM PLUGIN PROPERTIES (ALL HAVE GET/SET)

▸ **pluginName**
▸ **pluginDescription**
▸ **pluginVersion**

CORE INTERCEPTORS

▸ **environmentControl**
▸ **executionTracer**
▸ **ses**
▸ **autowire**

APPLICATION STRUCTURE

➡ **config**
➡ **handlers**
➡ **interceptors**
➡ **layouts**
➡ **logs**
➡ **model**
➡ **plugins**
➡ **views**
✦ **Application.cfc**
✦ **Index.cfm**
✦ **coldboxproxy.cfc**

URL ACTIONS (INDEX.CFM?)

▸ fwreinit=1
▸ fwreinit={reinitPassword}
▸ debugmode=true
▸ debugpass={DebugPass}
▸ fwcache=anything
▸ dumpvar=varlist
▸ debugpanel={panel}

DEFAULT SES ROUTES

▸ :handler/:action/:id
▸ :handler/:action
▸ :handler

IMPLICIT EVENTS

▸ preHandler
▸ postHandler
▸ onDIComplete

RESERVED PROPERTIES

▸ controller = ColdBox
▸ instance = structure
▸ instance.__hash

REQUEST CONTEXT COMMON METHODS (RECEIVED AS EVENT)

▸ **getCollection**()
▸ **collectionAppend**(collection,[*overwrite*])
▸ **Throw**(message,[*detail*],[*type*])
▸ **getValue**(name,[*default*])
▸ **setValue**(name, value)
▸ **removeValue**(name)
▸ **valueExists**(name)
▸ **paramValue**(name, value)
▸ **setView**(view,[*noLayout*],[*cache*],[*cacheTimeout*],[*LastAccessTimeout*])

▸ **getCurrentView**()
▸ **getCurrentLayout**()
▸ **setLayout**()
▸ **getCurrentEvent**()
▸ **getCurrentHandler**()
▸ **getCurrentAction**()
▸ **overrideEvent**(event)
▸ **showDebugPanel**(boolean)
▸ **getDebugPanelFlag**()
▸ **isProxyRequest**()

▸ **NoRender**([*remove*])
▸ **getEventName**()
▸ **getSelf**()
▸ **getDefaultLayout**()
▸ **getDefaultView**()
▸ **getViewLayouts**()
▸ **getFolderLayouts**()
▸ **getSize**()

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ColdBoX Framework

CACHE CONFIG ELEMENTS

- ▸ **ObjectDefaultTimeout** = Minutes
- ▸ **ObjectDefaultLastAccessTimeout** = Minutes
- ▸ **UseLastAccessTimeouts** = Boolean
- ▸ **MaxObject** = Integer (0 = Unlimited)
- ▸ **ReapFrequency** = Minutes
- ▸ **FreeMemoryPercentageThreshold** = Integer Percentage (0 = Unlimited)
- ▸ **EvictionPolicy** = LFU or LRU

CONFIG SETTINGS

- ▸AppMapping
- ▸**Appname**
- ▸ApplicationStartHandler
- ▸CustomErrorTemplate
- ▸CustomEmailBugReport
- ▸ColdboxLogsLocation
- ▸ConfigAutoReload
- ▸DebugMode
- ▸DebugPassword
- ▸**DefaultEvent**
- ▸EventName
- ▸ExceptionHandler
- ▸EnableBugReports
- ▸EnableColdfusionLogging
- ▸EnableDumpVar
- ▸EnableColdboxLogging
- ▸EventCaching
- ▸HandlersIndexAutoReload
- ▸HandlersExternalLocation
- ▸HandlerCaching
- ▸IOCFramework
- ▸IOCDefinitionFile
- ▸IOCObjectCaching
- ▸MessageboxStyleOverride
- ▸MyPluginsLocation
- ▸onInvalidEvent
- ▸**OwnerEmail**
- ▸ProxyReturnCollection
- ▸RequestStartHandler
- ▸RequestEndHandler
- ▸RequestContextDecorator
- ▸ReinitPassword
- ▸SessionStartHandler
- ▸SessionEndHandler
- ▸UDFLibraryFile

✱ **BOLD = Required**

APPLICATION, SESSION, CLIENT STORAGE PLUGINS

- ▸**setVar**(name, value)
- ▸**getVar**(name, [*default*])
- ▸**deleteVar**(name)
- ▸**exists**(name)

COOKIESTORAGE PLUGIN

- ▸**setVar**(name, value, [*expires=1*])
- ▸**Plus all the above methods**

BEANFACTORY PLUGIN

- ▸**Create**(bean, [*callInitFlag=false*])
- ▸**populateBean**(FormBean)

WEBSERVICES PLUGIN

- ▸getWS(name)
- ▸getWSObj(name)
- ▸refreshWS(webservice)

IOC PLUGIN

- ▸**configure**()
- ▸**reloadDefinitionFile**()
- ▸**getBean**(beanName)
- ▸**getIOCFactory**()
- ▸**getIOCFramework**()
- ▸**getIOCDefinitionFile**()
- ▸**getExpandedIOCDefinitionFile**()

JAVALOADER PLUGIN

- ▸**setup**(loadPaths,[*loadColdfusionClassPath=false*], [*parentClassLoader=*])
- ▸**create**(className)
- ▸**getURLClassLoader**()
- ▸**getVersion**()

MESSAGEBOX PLUGIN

- ▸**getStorageScope()**
- ▸**setMessage**(type,message)
- ▸**getMessage()**
- ▸**clearMessage()**
- ▸**isEmpty()**
- ▸**renderIt()**

LOGGER & MTLOGGER PLUGIN

- ▸**Tracer**(message, [*extraInfo*])
- ▸**logErrorWithBean**(exceptionBean)
- ▸**logError**(Message,[*ExceptionStruct*],[*ExtraInfo*])
- ▸**logEntry**(Severity,Message,[*ExtraInfo*])
- ▸**initLogLocation**([*firstRunFlag*])
- ▸**removeLogFile**()
- ▸**setLogFileName**(filename), **getLogFileName**()
- ▸**setLogFullPath**(logFullpath), **getLogFullPath**()
- ▸**getValidSeverities**()

QUERYHELPER PLUGIN

- ▸**filterQuery**(qry,field,value,cfsqltype)
- ▸**sortQuery**(qry,sortBy,sortOrder)
- ▸**getColumnArray**(qry,columnName)
- ▸**getCountDistinct**(qry,columnName)
- ▸**getRowNumber**(qry,columnValue,ColumnName)
- ▸**doInnerJoin**(qryLeft,qryRight,LeftJoinColumn, RightJoinColumn,OrderByElement)
- ▸**doQueryAppend**(qryFrom,qryTo)

RENDERER PLUGIN

- ▸**purgeView**(view)
- ▸**renderView**([*view*])
- ▸**renderExternalView**(view)
- ▸**renderLayout**()

TIMER PLUGIN

- ▸**Start**(label)
- ▸**Stop**(label)
- ▸**logTime**(label, tickcount)
- ▸**getTimerScope**()

STRINGBUFFER PLUGIN

- ▸**subString**(startPos,endPos)
- ▸**Delete**(startPos,endPost)
- ▸**insertStr**(offset,inStr)
- ▸**replaceStr**(startPos,endPos, inStr)
- ▸**indexOf**(inStr,fromPos)
- ▸**lastIndexOf**(inStr,fromPos)
- ▸**setLength**(newLength)
- ▸**Setup**(strIn,BufferLen)
- ▸**reverseStr**()
- ▸**Append**(strIn)
- ▸**Length**()
- ▸**Capacity**()
- ▸**getString**()
- ▸**getStringBuffer**()

CFC VIEWER

- ▸**Setup**(dirpath,cfcpath,[*accessTypeFilter*])
- ▸**getCFCMetadata**(cfcName)
- ▸**getCFCs**()
- ▸**getPKGs**()
- ▸**Render**()

CONFIG ELEMENTS

- ▸YourSettings
  - ▸Setting @name @value
- ▸MailServerSettings
- ▸BugTracerReports>BugEmail
- ▸DevEnvironments>url
- ▸WebServices>WebService
  - ▸@name, @URL, @devURL
- ▸Layouts
  - ▸DefaultLayout
  - ▸DefaultView
  - ▸Layout @name @file
    - ▸View
    - ▸Folder
- ▸I18n
  - ▸DefaultResourceBundle
  - ▸DefaultLocale
  - ▸LocaleStorage
- ▸Datasource>Datasource
  - ▸@alias,@name,@dbtype, @username, @password
- ▸Interceptors
  - ▸CustomInterceptionPoints
  - ▸Interceptor @class
    - ▸Property @name

IOC FRAMEWORKS

- ▸ Coldspring
- ▸ LightWire

UTILITIES PLUGIN

- ▸**isCFUUID**(inStr)
- ▸**isEmail**(str)
- ▸**isURL**(str)
- ▸**Sleeper**(milliseconds)
- ▸**createArray**(str)
- ▸**createStruct**(str)
- ▸**getOSFileSeparator**()
- ▸**getOSPathSeparator**()
- ▸**getOSName**()
- ▸**getInetHost**()
- ▸**checkCharSet**(charset)
- ▸**getIPAddress**()
- ▸**getJavaRuntime**()
- ▸**getJavaVersion**()
- ▸**getJVMFreeMemory**()
- ▸**getJVMTotalMemory**()
- ▸**FileLastModified**(filename)
- ▸**ripExtension**(filename)
- ▸**createFile**(filename)
- ▸**FileCanWrite**(filename)
- ▸**FileCanRead**(filename)
- ▸**isFile**(filename)
- ▸**appendFile**(file,contents,[*charset*],[*checkCharSet*])
- ▸**FileSize**(filename,sizeFormat)
- ▸**readFile**(file,[*binary*],[*charset*],[*checkCharSet*])
- ▸**saveFile**(file,contents,[*charset*],[*checkCharSet*])
- ▸**removeFile**(filename)
- ▸**isDirectory**(filename)
- ▸**getAbsolutePath**(path)
- ▸**isSSL()**

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